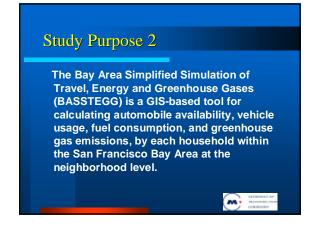
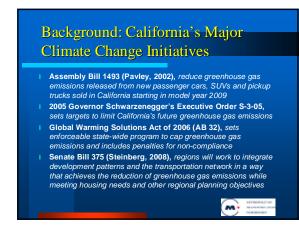


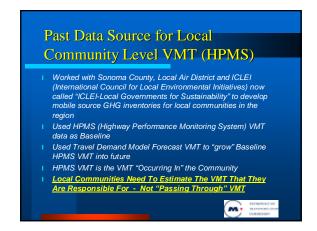
With the interest in the interactions of land use and transportation and their related impacts on global warming, there is now a warranted need for improved and quicker techniques for simulating mobile source based, regional and sub-regional greenhouse gas emissions.

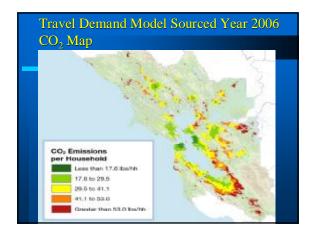




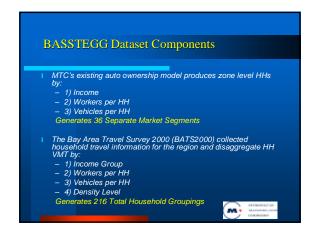


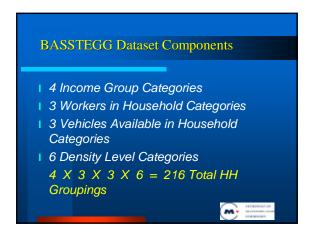












Income		WHH=0	WHH=0	WHH=0	WHH=1	WHH=1	WHH=1	WHH=2+	WHH=2+	WHH=2
Level	Density Level	VHH=0	VHH=1	VHH=2+	VHH=0	VHH=1	VHH=2+	VHH=0	VHH=I	VHH=2
	Rural	0.41	17.77	22.88	1.49	28.14	32.12	2.00	16.60	60.4
	Rural-Suburban	0.41	13.22	22.88	1.49	28.14	32.12	2.00	16.60	55.6
Low	Suburban - Dispersed	0.41	12.99	24.83	1.49	19.24	32.12	2.00	16.60	48.7
Income	Suburban - Dense	0.41	10.54	24.83	1.49	18.93	32.12	2.00	14.93	47.3
Households	Urban	0.41	10.54	12.36	1.49	17.13	32.12	2.00	14.93	36.2
	Urban Core	0.41	8.10	12.36	1.49	16.01	23.42	2.00	11.53	33.6
	Rural	0.41	21.35	38.45	1.49	38.17	57.34	2.00	30.19	64.6
Moderate-	Rural-Suburban	0.41	21.35	32.60	1.49	35.21	47.92	2.00	30.19	62.7
	Suburban - Dispersed	0.41	18.23	26.20	1.49	27.58	46.65	2.00	30.19	47.2
	Suburban - Dense	0.41	16.10	22.37	1.49	25.17	36.35	2.00	30.19	47.2
	Urban	0.41	8.32	22.37	1.49	24.70	36.35	2.00	23.73	43.1
	Urban Core	0.41	8.32	12.08	1.49	20.05	24.45	2.00	23.30	32.2
	Rural	0.41	15.84	36.89	1.49	30.16	56.00	2.00	31.36	73.0
Moderate-	Rural-Suburban	0.41	15.84	31.18	1.49	30.16	46.82	2.00	31.36	71.4
	Suburban - Dispersed	0.41	15.84	29.08	1.49	26.85	46.82	2.00	31.36	68.8
Income	Suburban - Dense	0.41	15.84	28.55	1.49	26.85	36.86	2.00	25.55	52.5
	Urban	0.41	10.29	26.85	1.49	23.61	32.83	2.00	20.13	48.6
	Urban Core	0.41	10.29	17.44	1.49	19.77	32.32	2.00	16.90	37.9
	Rural	0.41	13.02	28.16	1.49	24.94	60.16	2.00	27.93	80.0
	Rural-Suburban	0.41	13.02	28.16	1.49	24.94	60.16	2.00	27.93	78.7
High	Suburban - Dispersed	0.41	13.02	28.16	1.49	24.94	46.47	2.00	27.93	63.5
Income	Suburban - Dense	0.41	13.02	28.16	1.49	24.94	45.78	2.00	27.93	55.4
Households	Urban	0.41	13.02	28.16	1.49	24.94	32.90	2.00	27.93	52.7
	Urban Core	0.41	13.02	28.16	1.49	24.94	32.90	2.00	27.93	52.7

